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[Continued on next page]

(54) Title: TOUCH SENSITIVE DEVICE WITH STYLUS SUPPORT

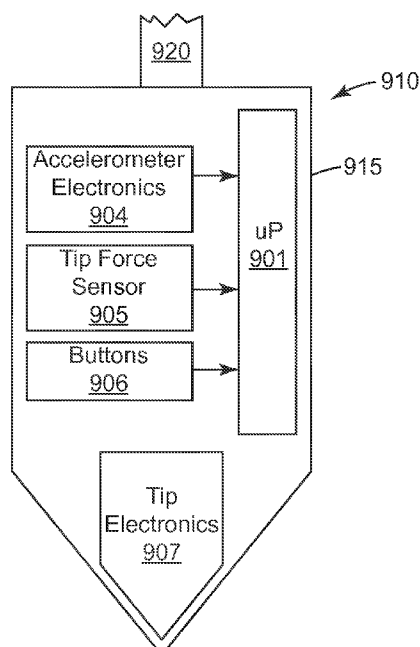


Fig. 9

(57) Abstract: A touch-sensitive device with stylus includes a touch panel, a stylus drive unit, a touch panel sense unit, and a measurement unit. A touch by a stylus proximate to a touch panel electrode changes a capacitive coupling between the touch panel electrode and a stylus electrode. The amplitude of the response signal is responsive to the capacitive coupling between the touch panel electrode and the stylus electrode, and is measured to provide an indication of the position of the stylus electrode relative to the touch panel.



LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/048178**A. CLASSIFICATION OF SUBJECT MATTER****G06F 3/044(2006.01)i, G06F 3/041(2006.01)i, G09G 3/20(2006.01)i, G06F 3/03(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 3/044; G06F 3/03; G06F 3/033; G06F 3/041

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: capacitive sense array, stylus

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2010-067117 A (MITSUBISHI ELECTRIC CORP) 25 March 2010 See paragraphs [0017]–[0019], [0038]–[0043]; and figures 1, 3, 9, and 10.	1–17
A	JP 2004-005415 A (SHARP CORP) 08 January 2004 See paragraphs [0051]–[0059], [0074] ; and figures 1 and 8.	1–17
A	JP 08-095701 A (PENTEL KK) 12 April 1996 See claims 1 and 2; and figure 1.	1–17
A	JP 07-064704 A (FUTABA CORP) 10 March 1995 See claim 1; and figure 1.	1–17

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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